MONTSAYE MATHEMATICS HOME LEARNING SUPPORT Year 7 Intermediate

MyMaths

You currently need to do your learning from home. There is a range of resources ready for you to use on the topics you have been studying in your **Maths** lessons. The tables below contain links to the relevant topics on the Kerboodle website with the relevant text books and support videos.

- Work out which term we are in by checking the date.
- Work out which set you are in (after year 7 have been put into sets)
- Log onto Kerboodle using your first name initial and your surname. Your password is what you set it as (initially it is the same as your login). Eg: Isaac Newton would be INewton. The institution code is fry0
- Find out which lesson you are on and watch the video that goes with that lesson. Complete the questions on the right hand page for the lesson.
- *If you need to email your teacher type their initial and surname + @montsaye.northants.sch.uk*   **msmith/ msipple / jellis / gurwin / shoche / rpierce / gbaria / jmayers / tgrowcock / lfernandez**

Lessons usually include a video explaining the main ideas and then you need to follow instructions to complete some written work. Remember, if you need extra support you can go to **www.mymaths.co.uk** and type the code on the text book page (the links are mostly in the table), re-watch the video, email your teacher, check another source such as BBC bitesize, if you forget your password for **www.mymaths.co.uk** then email your teacher asking for it.

	Term 1: *Sep-Oct*	Term 2: *Nov-Dec*	Term 3: *Jan- Feb*	Term 4: *Feb-Mar*	Term 5: *Apr-May*	Term 6: *Jun-Jul*
Year 7 Intermediate 7xMa2 7xMa3 7yMa2	1a. Place value and decimals 1b. Multiply and divide by 10, 100,1000 1c. Negative numbers 1d. Mental addition & subtraction 1e. Written addition & subtraction 1f. Calculator methods 1 2a. Length 2bUnits of measurement 2c. Converting between metric units 2d. Perimeter 2e. Area 2f. Area of rectangle 2g. Area of triangle 2h. Area of parallelogram 3a. Algebraic symbols 3b. Expressions 3c. Collecting like terms 3d. Using a formula 3e. Writing a formula 3f. Expressions and formula	4a. Fractions 4b. Equivalent fractions 4c. Addition and subtraction of fractions 4d. Decimals and fractions 4e. Fraction of a quantity 4f. Percentages 4g. Percentage of an amount Fraction, decimals and percentages 5a. Angle measure 5b. Measuring angles 5c. Drawing lines and angles 5d. Calculating angles 5e. Angles in a triangle 5f. Properties of triangles 5g. Properties of quadrilaterals 5h. Properties of polygons 6a. Coordinates 6b. Tables of values 6c. Plotting straight line graphs 6d. Real-life graphs 7a. Rounding 7b. Order of operations 7c. Mental multiplication & division 7d. Written methods of multiplication 7e. Written methods of division 7f. Calculator methods 2	8a. Bar charts 8b. Reading and interpreting pie charts 8c. Line graphs 8d. Mode, median and range 8e. The mean 8f. Interpreting graphs and charts 8g. Planning a statistical enquiry 8h. Collecting data 8i. Tally charts and frequency tables 8j. Comparing data 9a. Reflection 9b. Reflection symmetry 9c. Rotation 9d. Rotation symmetry 9e. Translation 9f. Tessellations 10a. Multiplying and dividing terms 10b. Balancing calculations 10c Simple equations 10d. More simple equations 10e. Two – step equations	11a. Factors and multiples 11b. Square numbers 11c. Square roots 11d. Prime numbers 11e. LCM & HCF 12a. Constructing triangles 1 12b. Constructing triangles 2 12c. Scale drawing 12d. Properties of 3D shapes 12e. Isometric drawings 12f. Nets of 3D shapes 12g. Volume	13a. Sequences 13b. Sequence rules 13c. Term to term rules 13d. Position in a sequence 14a. Mental methods with decimals 14b. Written methods of multiplying decimals 14c. Written methods of dividing decimals 14d. Interpreting a calculator display	15a. Proportion 15b. Direct proportion 15c. Ratio 15d. Ratio and proportion problems 16a. The probability scale 16b. More probability 16c. Theoretical probability 16d. Experimental probability 16e. Sets